

DOE ISM Workshop Breakout Session Presentations

Session Number	Presenter	Organization	Title
TRACK A ISM Process Successes & Challenges		TRACK Coordinator: Joe Krupar, DOE Golden Colorado	
A1	Establishing Expectations at the Work Site	Coordinators: Skipp Maas, Mason & Hanger, Corp. and Joe Pizzarella, Bechtel Hanford	
	Brenda L. Hawks and Carol Scott	DOE ORO and DOE Type B Board Member	PORTS Type-B Accident Investigation
	Bob Horan	Fluor Hanford PFP	Worker Awareness of Their Work and Their Role in Safely Performing Work
	David Baker	Bechtel Hanford	Developing and Conducting Pre-Job Briefings and POD Safety Briefings
	Dave Miles	Naval Petroleum and Oil Shale Reverses in Colorado	Establishing Daily Expectations at NPOSR-CUW
	Steve Hoey	Brookhaven NL	Roles, Responsibilities, Accountabilities and Authorities (R2A2)
A2	Process/Methods for Implementing Hazard Controls	Coordinators: Carol Sohn, LLNL and John Hobbs, CH2M HILL	
	Jack Griffith	Fluor Hanford	The Benefits for Automated Job Hazard Analysis
	Brad Mewes, Dan Niebuhr, and Kim Cutforth	CHG	Establish Simulated Work Area Training for Infrequently Performed Tasks
	Dena Bultena	Fluor Hanford PFP	ALARA Begins with the Employee
	Kim Fowler	PNNL	Using Pollution Prevention Opportunity Assessments
	Lee Stevens	Bechtel Nevada	Hazard Materials Tracking System (HAZTRAK)
A3	Perform work; Tools and Techniques	Coordinators: Gary Reid, DOE RFETS and Miles Jaeger, Fluor Hanford	
	Shelly Grohs	PNNL	Waste Planning Tool
	Wayne Simpson	BBWI	Are you Saved? HIM, an Internet-based Expert System
	Dennis Klein and Dale Long	Bechtel Hanford Inc.	Hazard Evaluation Tools and Techniques
	Miles Jaeger	Fluor Hanford	Hanford's Computerized AJHA Tool
	Richard Silver and Doug Ferrata	Beta Corporation International	Web-Based Risk and Hazard Identification and Screening
A4	Hazard Analysis	Coordinators: Bill Freeland, DOE YMP and Diane Clark, DOE ORP	
	Travis Amundson	Fluor Hanford FFTF	Comprehensive Hazard Baseline Assessment
	Pat Wright	PNNL	PNNL's Hazard Analysis Initiative
	Stacy Bourcier	SAIC/Yucca Mountain	Integration of Hazard Analysis at Yucca Mountain
	Stephen Coffing	Sandia National Labs/New Mexico	ISMS Software
	Marty Litus	Bechtel BWXT Idaho	The Role of Environmental Aspects Evaluation in Hazard Analysis and Control
	Philip Thullen	Los Alamos National Laboratory	Authorization Basis and Workplace Hazard Control
A5	Field Use of Lessons Learned in Maintenance and Operations	Coordinators: Tom Rollow, DOE HQ and Chip Lagdon, DOE HQ	
	Owen Berglund	Fluor Hanford Analytical Services Project	ASP Opportunities for Employee Feedback and Continuous Improvement
	Gary Troyer	Fluor Hanford - Analytical Services	ALARA Experience with Moving an Intense Neutron Source
	Chip Lagdon	US DOE Headquarters	Lessons Learned from Oak Ridge Y12 Na/K Accident
	Tom Rollow	US DOE Headquarters	Lessons Learned from Pu-238 Uptake at Los Alamos
TRACK B IMS Integration		TRACK Coordinator: Bill Bowen, Fluor Hanford	
B1	Integration of Environmental Protection into ISM	Coordinators: Steve Woodbury, DOE HQ and Larry Stirling, DOE HQ	
	Steven Woodbury	DOE Office of Environmental Policy and Guidance	Introduction
	Mark Matarrese and David Brine	US DOE Headquarters/DOE Strategic Petroleum Reserve	Integrating Environmental into Fossil Energy ISM Programs
	David Lester	WSRC	How EMS Integrates and Works with ISMS
	Barry Shedrow	WSRC	NEPA: An Early Planning Component of ISMS
	Keith Peterson	PNNL	Applying Sustainable Design in the DOE: Integrate for Success

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B2	Vital Safety Systems Readiness Mike Mikolanis, Earl Hughes, and Jeff Kimball	Coordinators: Mike Mikolanis, DOE HQ Departmental Representative to the DNFSB, Earl Hughes, DOE HQ (EH-33), and Jeff Kimball, DOE HQ (DP-45) DOE HQ	Configuration Management, Vital Safety Systems
B3	Integration/Linkage of ISM Implementing Mechanisms Mark Coronado Dale Bignell Cynthia Adair Joe Hains	Coordinators: Mosi Dayani, DOE SRS and John Cornelison, Fluor Hanford DOE Richland WSRC TruTech, Inc. Kaiser- Hill RFETS	The RL Integrated Management Systems (RIMS) Improving Environmental Performance with ISMS Integrating Safeguards and Nuclear Explosive Operations ISM Implementation through RFETS Integrated Work Control Program
B4	Translation of Work Scope into Activity Level Tasks Kris Kuhl-Klinger Sandi Gray Scott Wallace John Price Arlene Bergam and Manipulator Task Team	Coordinators: Burt Hill, DOE-RL and Mike Duffy, BBWI INEEL PNNL Fluor Hanford FFTF BBWI Fluor Hanford PFP Fluor Hanford AS	Fostering ISM Through Integrated Planning and Assessment FFTF Benchmarked Work Phase Planning Planning Work Execution (90 day rolling wave, POW) Integrating New Processes/Systems Using ISM Principles IS In Action
B-5	Quality Assurance Systems Interface with ISM Joe Arango Earl Carnes Roger Wilbur and Herb Bohr Jeff Roberson Richard Stark Phillip Levine Stephen Coffing and Joan Harris	Coordinators: Joe Arango, DOE HQ (EH-9) DOE Office of the Departmental Representative to the DNFSB DOE Office of Nuclear Facility Safety Policy (EH-5) DOE Idaho Operations Office DOE HQ Office of Technical Support DOE Office of NUCLEAR Facility Safety Policy WSRC Sandia National Labs/New Mexico	Introduction of Speakers on Quality Assurance Systems Interface with ISM Overview of Quality Assurance Requirements Implementation of a QA Program and integration with Safety Management at Idaho Results from Recent DP Quality Assurance Best Practices Workshop Overview of Quality Assurance Order (DOE O 414.1A) Application of Senior Management Executive Steering Committee Addressing NEPA at the Project Level using an Online Web-Based Tool
TRACK C Feedback & Improvement Process TRACK Coordinator: John Martin, DOE Idaho			
C1	Assessment Programs John Chernowski Sam Dechter Joe Guyette Isabel Waddell David Stroup and Susan Winslow Larry Arnold	Coordinators: Dave Stroup, Bechtel Hanford, Inc. and Marc Stevenson, Fluor Hanford Lawrence Berkeley National Laboratory Fluor Hanford SNFP Fluor Hanford Performance Assurance BBWI Bechtel Hanford Inc. Fluor Hanford Planning and Performance	The LBNL Self Assessment Program Assessing ISMS Performance using Management Assessments Integration of ISMS Into Fluor Hanford's Management and Independent Assessment Programs for Feedback and Improvement Development of an Integrated Risk-Based Integrated Assessment Tool How ERC Assessments Integrate ISMS Requirements Implementation of DOE Order 450.5
C-2	Post Work Analysis and Improvement Lisa Greif Sandi Gray Joe Hains Brent Gifford Craig Upchurch	Coordinators: Dennis Klein, Bechtel Hanford, Inc. and Brent Gifford, WSRC Fluor Hanford /DynCorp Fluor Hanford FFTF Kaiser- Hill RFETS WSRC CH2MHill Hanford	HPT Injury Reduction Gathering in the Feedback via the J-5 Process RFETS Integrated Work Control Improvement Process SRS-NMSS Work Process Improvements Managing Heat Stress: A Success Story
C-3	Performance Measures Indicators James C. Johnson	Coordinators: Cynthia Blackwell, LANL and Kris Kuhl-Klinger, PNNL DOE Fossil Energy/FE-7+F64	Assessment of FE ISM/ES&H Performance

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	Marty Litus	BBWI	Environmental Performance Measures Development
	Ami Sidpara and Chris Sorensen	DOE Office of River Protection	Assessing the Effectiveness of ISM at the Hanford River Protection Project
	Gary Reid and David Queen	DOE RF and DOE OR	Evaluating ISM at the Activity Level
	Steve Prevette	Fluor Hanford	Statistical Trending of ISMS PI's at Fluor Hanford
	Cynthia Blackwell	Los Alamos National Labs	DOE Performance Indicators
C-4	Corrective Action Programs	Coordinators: Steve Petersen, DOE HQ and Mike Hassell, CH2M HILL	
	Steve Petersen	DOE EH-2, Office of Oversight	Headquarters Correction Action Program Activities
	Betty Beavers	DOE EH-72	DOE Corrective Actions Tracking Systems
	Gary Grant	BBWI	Integration of Feedback and Improvement Processes
	Chris Larmey	PNNL	From CATS, HATS, and BATS to ATS;
	Steve Curfman and Al White	Albany Research Center (FE) / HQ FE-07	Improvement in Assessment Programs at Albany Research Center
C-5	Integrated Lessons Learned Program	Coordinators: Dan Guzy, DOE HQ and John Bickford, Fluor Hanford	
	John Bickford	Fluor Hanford	Overview of DOE Lessons Learned Process
	Dan Guzy	DOE EH-22	DOE Plans for Improving the Corporate Lessons Learned Program
	Merl Rosenthal	Westinghouse Electric Co.	How Lessons Learned are Developed and Distributed
	Dorian Conger	Conger & Elsea, Inc.	Integrating Lessons Learned from Petrochemical Plants
	Richard Dixon and William McQuiston	DOE-ID	Recognizing Workplace Hazards Associated with Microprocessor-Based Control Systems
	Rick Zimmerman	Fluor Hanford FFTF	Halon System Changes due to Idaho's CO2 Facility
TRACK D	Sustaining ISM	TRACK Coordinator: Gary Lyons, PNNL	
D1	ISM & Program Management	Coordinators: Jeff Kimball, DOE HQ (DP) and Randy Ni, CH2M HILL	
	Greg Perkins	Fluor Hanford Rad Protection	Radiation Protection Center of Expertise (COE)
	Susan Pearce	CH2MHill Hanford	A Review of ISM/ALARA Practices Used by Construction Projects at 241-AN and 241-AY Farms
	John S. Arnold	Bechtel Hanford Inc.	Overview of Priorization Process
	Mike West	Bechtel Jacobs Company	Waste Disposition With the Wheel
	Randy McConnell	NREL	Hazard Identification and Control Through an Integrated Process
D-2	ISM Flow-down & Subcontractor Implementation	Coordinators: Charlie Billups, DOE HQ (Science) and Phil Levine, WSRC	
	Sandra Cannon	PNNL	Flowing Environmental Preferable Purchasing Principles
	Elizabeth Dagley and Barry A. Stephenson	Bechtel Jacobs Company LLC	Reindustrializing Safety at East Tennessee Technology Park
	Dennis Huston	Bechtel Hanford Inc.	ISM Flowdown to Subcontractors at BHI
	John Kovach	National Energy Technology Laboratory	ISM Flowdown and Subcontractor Implementation at NETL
	Sandra English	PNNL	Quality/ISM/PAAA Flowdown to the Contractor
D-3	Role of VPP and other Initiatives in Sustaining ISM	Coordinators: Craig Zamuda, DOE HQ (FE) and Rich Kobelski, Fluor Hanford	
	Steven Woodbury	DOE Office of Environmental Policy and Guidance	National Environmental Performance Track
	Larry Stirling	DOE Office of Environmental Policy and Guidance	How ISO 14001 Can Support and Sustain ISM
	Al White	DOE-FE	Continuous Improvement and the role of VPP
	Kirkland Jones	DynMcDermott Petroleum Operations	VPP, Behavioral Safety, and ISM
	Robert Evans	Fluor Hanford	Integrating "Worker Involvement" and "Feedback and Improvement"
	John Saladyga, Glenn Brubaker, and Dan Stachelski	West Valley Nuclear Services (2) and DOE Ohio	Role of EWP, ConOps, and VPP in Sustaining ISM
	Roger Briggs	DOE ORP	Application of the American Council's Management Verification Tool at the Hanford Site
D-4	Successful Management/Labor Partnership	Coordinators: Gary Branich, Weldon Springs and Peery Shaffer, Bechtel Jacobs (ETTP)	
	Betty Croy	WSRC	Front Line Workers Speak out on Safety
	Rich Larson	CH2MHill Hanford	Team Development of Engineering Controls for Work
	Rick Reeder	CH2MHill Hanford	New Shield Material; A Worker Management Team
	Robert Tabor	Fluor Fernald	Aspects of Successful Labor Management Partnership

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	Jayne Davis	Yucca Mountain Characterization Office	Worker Involvement - The Eight ISMS Principle
D-5	ISM Annual Update Joyce Fleischman-Gay, Dave Fox, and Sharon Chivers Pat Worthington John Held and Ed Schwier Sharon Cornwell Johnna Gregory	Coordinators: Mike Marelli, DOE Nevada and Margaret Lachman, DOE Ohio BBWI, DOE-ID, PACE Union DOE Office of ES&H Evaluations Fluor Hanford Fluor Fernald WSRC	Role of VPP and Other Initiatives in Sustaining ISMS-Balance is the Key Oversight- Our Role Post-ISM Verifications FH Annual Review of ISMS Implementation Combining VPP Review with ISM Annual Update WSRC Annual ISM Management Evaluation Strategy
TRACK E	Knowledge Building and Communications	Coordinator: George Von Nieda, Fluor Hanford (Apex)	
E-1	Red Bead Experiment	Coordinators: Steve Prevette, Fluor Hanford and Steve Byers, CH2M HILL	
E-2	ISM Jeopardy	Coordinators: Deb Severin, Fluor Hanford, Connie Galbreath, Joan Plastino, Bechtel Hanford	
E-3	Do You Know ISM?	Coordinators: Mike Royack, DOE-ORP, Dan Beers and Les Myers, Fluor Hanford	
E-4-A	Methods for Effective Communications (Interpersonal Skills) John Bell Gerry Griffin Mal Wright Darrell Riffe Keith Smith Dave Borup Jerry Stevenson	Coordinators: John Bell, Fluor Hanford and Richard DeBusk, CH2M HILL Fluor Hanford River Corridor Fluor Hanford Emergency Preparedness Fluor Hanford River Corridor Fluor Hanford River Corridor DynCorp Vehicle Equipment Mechanic Fluor Hanford PFP Fluor Hanford PFP	"Effective Communications - It begins with You" A Simple Theory of Effective Communications "Effective" Communications "Speaking a Different Language - Barriers to Communications" "REPEAT BACKS--Are you Listening" Implementation of the Automatic Defibrillator
E-4-B	Methods for Effective Communications (Technology) Ross Natoli Jan Wachter Steve Scott Wayne Simpson	Coordinators: John Bell, Fluor Hanford and Richard DeBusk, CH2M HILL DOE Office of Environmental Policy and Guidance USDOE, National Energy Technology Laboratory DOE EH-72 BBWI	DOE Annual Site Environment Report; A Valuable Resource Use of Web-Based and other Approaches for Effective Communications New ISM Resource Center Future Technology : Wiping the Dust from the Crystal
E-5	Stakeholder Involvement Susan Briggs and Elizabeth Zimmerman Robert Tabor Pam Brown Dennis Walters	Coordinator: Dennis Walters, PNNL Brookhaven NL Fluor Fernald City of Richland PNNL	Reaching Out to Interested Parties: New Approaches Importance of Stakeholder Involvement in Developing Long-term Site Remedies Role of the Hanford Advisory Board in Providing Advice to the Tri Party Agencies on ES&H Issues relating to the Hanford Waste Cleanup Measuring the Unmeasurable - Engaging the Stakeholder